PCR191W – Atomic Projection Clock

HOW DO I SET THE TIME ZONE ON MY PCR191W?

Select the US Time Zone by pressing and holding the UP (+) button for 3 seconds.

Keep holding the UP (+) button until the desired US Time Zone (Pacific, Mountain, Central or Eastern) is highlighted on the display's US map, located to the right of the time display and above the seconds.

Release the UP (+) button. The Time Zone is set.

HOW MANY ALARMS CAN BE SET ON MY PCR191W?

The PCR191W has dual alarm with programmable snooze interval. If any of the alarms is activated, it will sound at the set time and the alarm icon will flash Mondays through Fridays.

HOW TO SET THE TIME ALARM?

Press the MODE button to select the desired alarm to be set – ALARM 1 or ALARM 2. The default alarm time for ALARM 1 is set to "6:00AM".

- Press and hold button for three seconds. The hour digit will begin to flash.
- Select the desired hour using DOWN (-) or UP (+) buttons.
- Press button to confirm selected hour and move to minute's adjustment. The minute digits will flash.
- Enter the minutes using DOWN (-) or UP (+) buttons.
- Press the button confirming the ALARM 1 time is set.
- Use the same procedure for setting the time for ALARM 2

HOW TO DISABLE THE TIME ALARM?

Press or selecting the ALARM 1 or ALARM 2 – an appropriate bell icon will disappear from the display showing that alarm is disabled.

HOW DO I SET THE LANGUAGE FOR THE DAY OF THE WEEK?

Press and hold DOWN (-) button until the language abbreviation will be displayed – EN (for English), SP (for Spanish) or FR (for French). Once the desired language abbreviation is displayed, release the DOWN (-) button, and the day of the week will be displayed in selected language.

HOW DO I SET 12 OR 24 HOUR TIME FORMAT?

To set 12 hour time format, press UP (+) button once, and "AM" or "PM" will appear to the left of the time display.

To set 24 hour time format, press UP arrow button once until "AM" or "PM" abbreviation will disappear from the time display.

HOW DO I CHANGE A TEMPERATURE UNIT IN MY PCR191W?

The temperature measurement unit (Cº or Fº) can be changed only through entering clock setting procedure:

1. Press and hold MODE for 3 seconds - the year digit will flash.

2. Press MODE once - the month digit will flash. Press UP (+) or DOWN (-) buttons to select the month.
If correct month is displayed press MODE button once to confirm and move to the date mode selection (date digit will flash)

3. Press UP (+) or DOWN (-) buttons to select the date.
If correct date is displayed press MODE button once to confirm and move to the hour format selection ("12" digits will flash)

4. Press UP (+) or DOWN (-) buttons to select the hour
If correct hour is displayed press MODE button once to confirm and move to the minutes selection (minutes digits will flash)

5. Press UP (+) or DOWN (-) buttons to select the minutes
If correct minutes are displayed press MODE button once to confirm and move to the temperature unit selection (temperature fill flash)

6. Press UP (+) or DOWN (-) buttons to select the temperature unit: "Fº" for Fahrenheit or "Cº" for Celsius.
If correct temperature unit is displayed press MODE button once to confirm the setting and exit from clock programming mode.

WHERE IS US ATOMIC CLOCK LOCATED?

US Atomic clock is located at Fort Collins outside Boulder, Colorado, and is operated by the US Government

WILL MY ATOMIC TIME UNIT WORK IN ALASKA AND HAWAII?

If used in Alaska and Hawaii, the Atomic Time clocks will not receive the RF signal from the US Atomic Clock during the normal daylight hours. The 50kW radio signal transmitted at 60 kHz frequency covers the Continental United States (CONUS) and reaches parts of Alaska and Hawaii during the night-time hours. However, this clock can be set manually if the signal from Boulder, Colorado is not able to reach the locations that geographically are not in the US Atomic Clock Time Signal coverage area.

HOW TO ENABLE ATOMIC TIME SIGNAL RECEPTION MANUALLY?

1. Press and hold UP(+) and DOWN(-) buttons at the same time for 3 seconds and the atomic time radio reception icon located above the seconds will disappear.

2. Press and hold UP (+) and DOWN (-) buttons at the same time for 3 seconds again enabling atomic time radio receiver. The radio reception icon will start flashing showing that the unit is searching for the atomic time signal.

MY PCR191W DID NOT RECEIVE ATOMIC TIME SIGNAL DURING INITIAL SETUP. HOW CAN THIS BE FIXED?

Please consider the following when atomic time is not set during the initial setup:

• During night-time hours, atmospheric conditions improve radio signal reception. A single daily reception is sufficient enough to keep the clock accuracy within milliseconds.

• Unit should be positioned 8 feet (2 meters) from interference sources such as a TV, computer, microwave, etc.
• The signal reception is weakened within concrete walls found in basements or office buildings. Place the unit near the window for best reception.

Once the atomic time signal is received, the date and time will be set automatically, and the atomic time reception icon will appear.

Your unit's atomic clock is programmed to search for the atomic time signal daily each hour between 1:00 am and 4:30 am. Once the time signal has been successfully received, the time and date will be updated automatically.

Usually Atomic Time Signal is picked up overnight, but in some cases it may take up to 72 hours.

HOW TO ACTIVATE THE BACKLIGHT?

You can activate the backlight for a short time period by pressing LIGHT/SNOOZE button on the top.

HOW LONG DOES THE BACKLIGHT STAY ON?

The backlight will stay on for 3 seconds if the LIGHT/SNOOZE button is pressed.

HOW LONG THE BATTERIES LAST IN THE UNIT?

The average battery life in the device is 12 months.

HOW LONG THE PROJECTION WILL STAY ON?

Your product is able to project the time and indoor or outdoor temperature image for a short period of time (5-6 seconds), or continuously (when the AC/DC adapter is connected).

HOW DO I SET MY PCR191W TO THE MODE PROJECTING TIME OR INDOOR TEMPERATURE?

Press and hold **FLIP** button for 2 seconds and the projected image will alternate between the **time** and **indoor temperature** information every 5 seconds

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